FILE NOTATIONS

Entered in NID File .....
Location Map Pinned .....
Card Indexed .....

Checked by Chief PMB
Approval Letter 5-23-72
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 9-16-73

Location Inspected .....

OW..... WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....
Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

5/19/72

Norman Rees – Shell

N I D. will be mailed Monday

1-15 B5

~~2S 5W~~

sec 15

1727' FEL

@ 730' FNL

S E NW NE → Meets spacing requirement

139-3/139-4

Money in Req over weekend.

Gave verbal approval to spud

PMB

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Patented

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [X] Multiple Zone [ ]

8. Farm or Lease Name: Burton

2. Name of Operator: Shell Oil Company (Rocky Mountain Division Production)

9. Well No.: 1-15B5

3. Address of Operator: 1700 Broadway, Denver, Colorado 80202

10. Field and Pool, or Wildcat: Altamont

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 736' FNL and 1727' FEL Sec 15
At proposed prod. zone: Same NE

11. Sec., T., R., M., or Blk. and Survey or Area: NW/4 NE/4 Section 15-T 2S-R 5W

14. Distance in miles and direction from nearest town or post office*: Two miles south of Talmage

12. County or Parrish: Duchesne 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 720' from property and lease line

16. No. of acres in lease: 160

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: None

19. Proposed depth: 14,800'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 6780 GL (Ungraded)

22. Approx. date work will start*: Prep to drill

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

As per attached drilling prognosis and certified survey plat

Verbal approval to drill obtained from Mr. Paul Burchell May 19, 1972

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed: [signature] For: J. C. Howell Title: Division Operations Engineer Date: May 22, 1972

(This space for Federal or State office use)

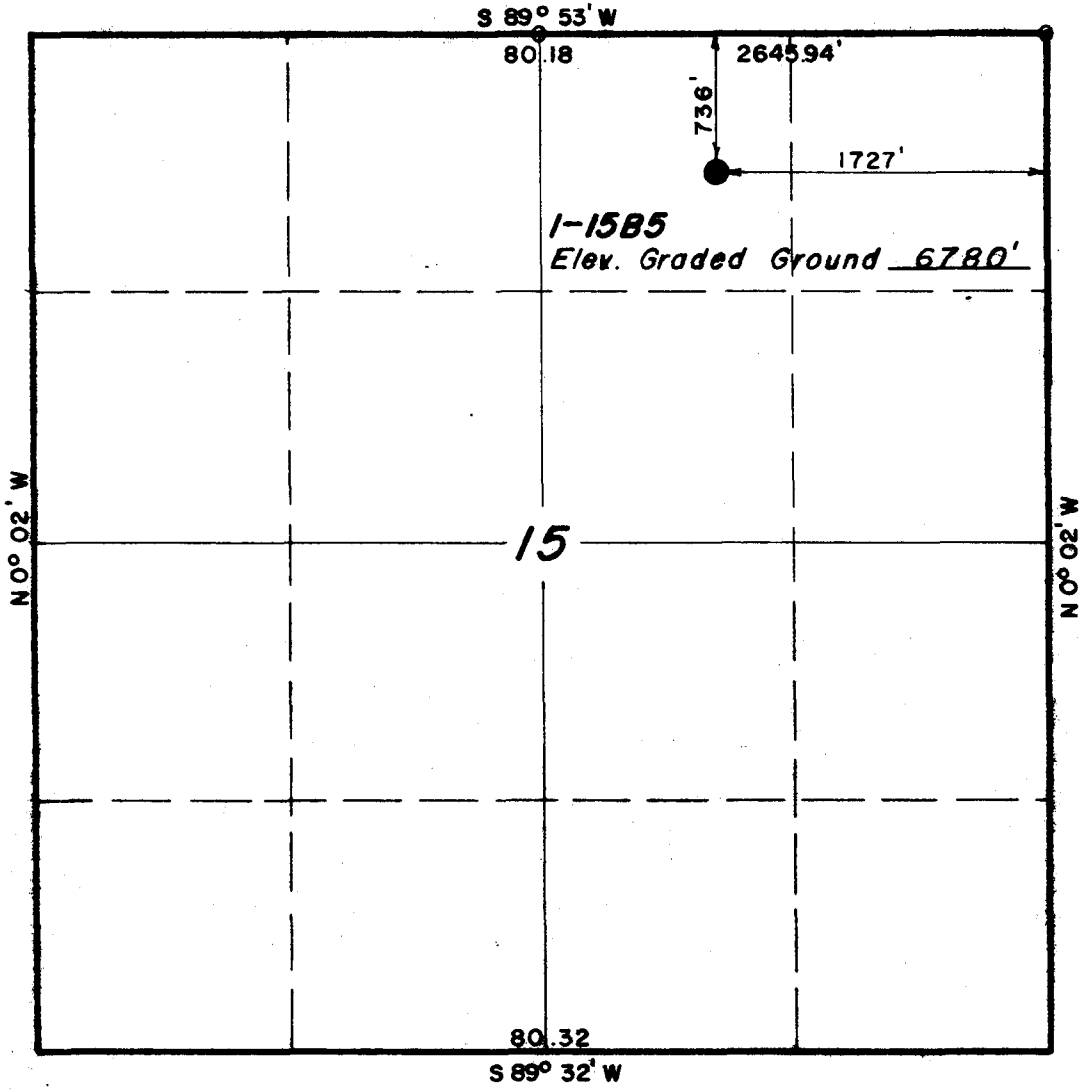
Permit No. 43-013-30125 Approval Date:

Approved by: Title: Date:

Conditions of approval, if any:

*See Instructions On Reverse Side

T2S, R5W, U.S.B.&M.



O = Section Corners Located (STONE)

PROJECT

SHELL OIL COMPANY

Well location, I-1585, located as shown in the NW 1/4 NE 1/4 Section 15, T2S, R5W, U.S.B.&M. Duchesne County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dean Stewart

REGISTERED LAND SURVEYOR
REGISTRATION No. 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 May, 1972
PARTY G.S. M.S. S.S.	REFERENCES GLO Plat
WEATHER Warm	FILE SHELL OIL CO.

RM-51 (8-71)

PRIVATE & CONFIDENTIAL

DRILLING WELL PROGNOSIS

WELL NAME Shell-Burton 1-15B5

TYPE WELL Development

FIELD/AREA Altamont, Utah

APPROX. LOCATION (SUBJECT TO SURVEY) NE¼ Section 15-T2S-R5W

EST. G. L. ELEVATION 6800 PROJECTED TD 14,800 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17½"	13 3/8"			300'	SAMPLES: 30' 300' - 9000'; 10' 9000' - 11,200'; 5' 11,200' - TD
		Sonic/GR (thru 9 5/8" csg when at 7" csg pt)		50'± thru boulders	CORES: -0-
				TGR 1	
				5000 (+1800)	DST'S: -0-
12¼"	9 5/8"			5500	
		6000'			DEVIATION CONTROL: Dogleg severity to be less than 1½°/100'.
		9000'		TGR 3	
				9600 (-2800)	CEMENT: See casing & cementing prognosis.
				WASATCH	
8 3/4"	7" (to sfc)	Sonic/GR; DIL/FDC/CNL; Two man mud logging unit		11,400 (-4600)	
				TOP RED BEDS	MUD: 0-300 Native
				11,700 (-4900)±100	
				12,100	
				BASE RED BEDS	300-5500 Aerated lime water
				12,200 (-5400)±500	
				TOP WASATCH LAKE	5500-10,400± Water or aerated lime water
				13,400 (-6600)	
6 1/8"	5" (liner)	Sonic/GR; DIL/FDC/CNL		LOWER WASATCH	10,400±-TD Weighted gel chemical follow expected pressure gradient (maximum 14.5 ppg).
				14,300 (-7500)	
				14,800	See mud program for details

ORIGINATOR: T. H. Brown DATE 5/1/72

ENGINEERING APPROVAL:

PETROLEUM: _____

OPERATIONS: _____

OPERATIONS APPROVAL:

D. S. Wartick

DIV. DRILLING SUPT.

May 24, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Burton #1-15B5
Sec. 15, T. 2 S, R. 5 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

Please be advised that the following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the surface casing:

1) Recording mud pit level indicator to determine mud pit volume gains and losses. This indicator shall include a visual or audio warning device.

2) Mud volume measuring device for accurately determining mud volumes required to fill the hole on trips.

3) Mud return indicator to determine that returns essentially equal the pump discharge rate.

Should you determine that it will necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

The API number assigned to this well is 43-013-30128.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

Form OGCC-3

NOV 19 1973

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 736' FNL and 1727' FEL Sec 15
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NW/4 NE/4 Section 15-T 2S-R 5W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30128	5-24-72	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
5-22-72	10-25-72	9-16-73	6780 GL, 6806 KB	15'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,808	14,800		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch Transition and No. Horn Transition perfs 11,830-14,607

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHCS-GR, FDC/CNL w/GR, DIL, CBL, VDL, CCL and GR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	293'	17½"	450 sx	0
9 5/8"	40#	6,810'	12¼"	800 sx	0
7"	26#	11,797'	8 3/4"	457 CF + 195 sx	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	11,566	14,807	700	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
As per attachments	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-16-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-23-73	24	8-16/64"		840	873	10	1039

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
3600	0		840	873	10	44.1°

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Used for fuel on lse, sold to Mtn Fuel, and some flared

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K R Judkins TITLE Division Operations Engr. DATE 10-31-73

*(See Instructions and Spaces for Additional Data on Reverse Side)

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
KB 6806'
5" liner @ 14,807'

TD 14,808. PB 14,800. Flowing. On 24-hr test, flwd 1070 BO, 34 BW and 833 MCF gas on 14-30/64" chk w/3800 psi FTP and zero CP.

SEP 2 0 1973

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
KB 6806'
5" liner at 14,807'

TD 14,808. PB 14,800. Flowing. On 24-hr test, flowed 734 BO, 10 BW, and 370 MCF on 6-24/64" chk w/3800 psi FTP and 0 CP. SEP 2 1 1973

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
KB 6806'
5" liner @ 14,807'

TD 14,808. PB 14,800. Flowing. OIL WELL COMPLETE.
Flwd as follows on 24-hr tests:
Report

Date	BO	BW	MCF Gas	Chk	FTP	CP
9/22	550	14	434	6-24/64"	3200	0
9/23	418	3	434	6-16/64"	3600	0

Potentialed well w/24-hr test of 9/23/73, flwg 840 BO, 10 BW and 873 MCF gas (GOR 1039) on 8-16/64" chk w/3600 psi FTP and zero CP from Wasatch Transition and North Horn Transition perfs 11,830, 11,874, 11,885, 11,937, 11,987, 12,061, 12,096, 12,198, 12,381, 12,417, 12,476, 12,589, 12,648, 12,756, 12,763, 12,770, 12,865, 12,976, 13,053, 13,092, 13,230, 13,294, 13,300, 13,326, 13,512, 13,668, 13,699, 13,760, 13,781, 13,848, 13,934, 13,939, 14,094, 14,172, 14,287, 14,309, 14,323, 14,387, 14,392, 14,430, 14,440, 14,487, 14,544, 14,586, 14,687.
Oil Gravity: 44.1° API @ 60°F.
Compl Test Date: 9/23/73. Initial Prod Date: 9/16/73.
Elev: 6780 GL, 6806 KB.
Log Tops:

TGR_3	9,675 (-2869)
UPPER WASATCH TRANSITION	11,215 (-4409)
LOWER WASATCH TRANSITION	12,500 (-5694)
FLAGSTAFF	13,125 (-6319)
NORTH HORN TRANSITION	14,300 (-7494)

This well was drilled for routine development. SEP 2 4 1973
FINAL REPORT.

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Shell-Burton 1-15B5

Operator Shell Oil Company (Rocky Mountain Division Production)

Address 1700 Broadway, Denver, Colorado 80202

Contractor Signal Drilling Company

Address 1200 Security Life Building, Denver, Colorado 80202

Location NW 1/4, NE 1/4, Sec. 15, T. 2 S., R. 5 W., Duchesne County.

Water Sands:

	Depth: From -	To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	No sands tested or evaluated	and no water flow encountered		
2.	(GR log available from 300'	to TD)		
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

CASING AND CEMENTING

FIELD ALTAMONT WELL BURTON 1-15B5 KB TO CHF 14.70'

Shoe jt started in hole 2 PM 5-23-72

Ran 7 jts 68# K-55 ST&C 13 3/8" csg to 293'

JTS	WT	GRADE	ST&C	NEW	FEET	FROM	TO
6	68#	K-55	X	X	254.1	0	249
	B & W Insert Float Collar						249
1	68#	K-55	X	X	43.0	249	292
	B & W Guide Shoe				1.0	292	293

7 jts Total

Insert Collar at 249

Guide Shoe at 293

No., Make and Type

3 centralizers spaced 10', 44' and 86' from guide shoe

Cementing

Broke circ 4 PM. With 5 bbls water ahead, cemented through shoe at 293' w/450 sx Class "G" cem, 3% $CaCl_2$. Wt - 15.8-16#/gal. Mixing complete in 40 min. Plug down 6 PM. Press to 1000 psi. Bled back 1 bbl. BPV held ok.

BOB S. HORN

CASING AND CEMENTING

FIELD ALTAMONT WELL BURTON 1-15B5 KB TO CHF 13.20'

Shoe jt started in hole 2:30 PM 6-18-72

Ran 163 jts 9 5/8" 40# N-80 csg to 6810'

JTS	WT	GRADE	LT&C	NEW	FEET	FROM	TO
161	40#	N-80	X	X	6721.29	0	6721.29
	HAL FLOAT COLLAR				1.93	6721.29	6723.22
2	40#	N-80	X	X	84.88	6723.22	6808.10
	HAL FLOAT SHOE				1.90	6808.10	6810.00

163 jts Total

Float Collar from 6721.29-6723.22

Float Shoe from 6808.10-6810.00

No., Make and Type

6 centralizers spaced 12', 43', 126', 206, 288' and 330' from shoe.

Cementing

Broke circ 12:30 AM. With 110 bbls water and gel ahead, cemented through shoe at 6810' w/250 sx Hal lite containing 10# Gilsonite/sx and 550 sx Class "G" containing 3% salt and .75% CFR-2. 88.5 bbls. Wt - 12.4-12.7#/gal. Mixing complete in 43 min. Press - Max 400. Plug down 4:30 AM. Press to 1500 psi. Float held ok.

D. GRIGGS

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Burton 1-15B5

Job: 7 " O.D. Casing~~liner~~. Ran to 11,797 feet (KB) on 9-17, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From KB	To CHF
277	26#	S-95	8rd				11,797

277 jts Total

Casing Hardware:
Float shoe and collar type Collar at 11,663
Centralizer type and product number
Centralizers installed on the following joints
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:
Caliper type . Caliper volume ft^3 + excess over caliper
ft^3 + float collar to shoe volume ft^3 + liner lap ft^3
+ cement above liner ft^3 = ft^3 (Total Volume).

Cement:
Preflush—Water 36 bbls, other Volume bbls
First stage, type and additives 457 cu ft Class "G" BJ litewt
. Weight 12.4 lbs/gal, yield
ft^3/sk, volume sx. Pumpability hours at °F.
Second stage, type and additives 195 sx Class "G"
. Weight 15.9 lbs/gal, yield
ft^3/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:
Rotate/reciprocate
Displacement rate
Percent returns during job
~~Bumped plug at~~ CIP 11:50 ~~AM~~/PM with psi. Bled back bbls. Hung csg with lbs on slips.

Remarks:
Displaced w/457 bbls mud. Did not bump plug. Float held ok.

Drilling Foreman
Date

CASING AND CEMENTING

FIELD Altamont WELL Burton 1-15B5 KB TO CHF --

Shoe jt started in hole 7 PM 10-26-72

Ran 84 jts 5" 18# SFJP hydril liner to 14,807'

JTS	WT	GRADE	SFJP	NEW	FEET	FROM	TO
	HOWCO Diff Fill Shoe			X	2.30	14,807.00	14,804.70
3	18#	N-80	X	X	106.81	14,804.70	14,697.89
	HOWCO Diff Fill Collar			X	1.70	14,697.89	14,696.19
81	18#	N-80	X	X	3,122.10	14,696.19	11,574.09
	BURNS Liner Hanger			X	7.58	11,574.09	11,566.51

84 jts Total

7" csg shoe at 11,797.00

Total lap - 230.49

Howco collar at 14,696.19

Howco shoe at 14,807.00

No., Make and Type

B & W centralizers spaced 6' up from shoe and collar, 6' down from liner hanger, 6' up from 7" csg shoe, no scratchers.

Cementing

Broke circ 9:30 AM w/1500 psi. Reciprocated and circ 170 min. Cemented through shoe at 14,807' w/700 sx Class "G" cem, 1.5% D-31, 2% bentonite, 30% silica flour, .1% R-5. Wt - 14.5-15.6#/gal. Mixing complete in 75 min. Press - Max 1600, min 600, avg 1100. Plug down 2:25 PM. Bled back no bbls.

Shell-Burton 1-15B5 (D) 14,808' Wasatch Test 5" liner @ 14,807'	TD 14,808. PB 14,800. (RRD 12/4/72) 12/11: SI. Pulled BHP bomb, making stops @ 13,200 and 12,800. BHP after 155½ hrs = 8282 and after 165 hrs - 8282 psi. TP 4700 psi. (All readings are field readings). DEC 1 1 1972
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test 5" liner @ 14,807'	TD 14,808. PB 14,800. SI. DEC 1 2 1972
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test 5" liner @ 14,807'	TD 14,808. PB 14,800. SI. DEC 1 3 1972
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test 5" liner @ 14,807'	TD 14,808. PB 14,800. SI. (Reports discontinued until further activity) DEC 1 4 1972
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test 5" liner @ 14,807'	TD 14,808. PB 14,800. (RRD 12/14/72). SI. Ran 12-hr static press on 1/20/73 to 13,000'. Made two stops @ 13,200 and 12,800 while pulling. (RDUFA)
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test KB 6806' 5" liner @ 14,807'	9/17: TD 14,808. PB 14,800. (RRD 1/22/73) Flowing. On 24-hr test, flwd 460 BO, 10 BW and 917 MCF gas on 10-26/64" chk w/4000 psi FTP and zero CP. (First prod) SEP 1 7 1973
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test KB 6806' 5" liner @ 14,807'	TD 14,808. PB 14,800. Flowing. On 24-hr test, flwd 423 BO, 10 BW and 882 MCF gas on 10-26/64" chk w/4000 psi FTP and zero CP. SEP 1 8 1973
Shell-Burton 1-15B5 (D) 14,808' Wasatch Test KB 6806' 5" liner @ 14,807'	TD 14,808. PB 14,800. Flowing. On 24-hr test, flwd 877 BO, 50 BW and 1950 MCF gas on 10-26/64" chk w/ 3800 psi FTP and zero CP. SEP 1 9 1973

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800. Prep to perf. MI&RU OWP on 11/29.
NOV 30 1972

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
5" liner at 14,807'

TD 14,808. PB 14,800. Perforating. Ran in hole w/ Run #1; had shorted gun. Pulled out of hole. Ran in hole w/run #2 perforating one hole using 2" steel tube carrier gun w/JRC charges. Shot one hole at 13,668 and gun shorted. Press from 1100 to 2200 psi. Pulled out of hole w/run #3 and gun shorted. Pulled out of hole. SITP 3670 psi. DEC 1 1972

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800.
12/2: Prep to acdz. SITP 3900 psi. Shot 1 hole at each of following depths w/2" steel tube carrier gun w/JRC charges: 11,830, 11,874, 11,885, 11,937, 11,987, 12,061, 12,096, 12,198, 12,381, 12,417, 12,476, 12,589, 12,648, 12,756, 12,763, 12,770, 12,865, 12,976, 13,053, 13,092, 13,230, 13,294, 13,300, 13,326, 13,512, 13,699, 13,760, 13,781, 13,848, 13,934, 13,939, 14,094, 14,172, 14,287, 14,309, 14,323, 14,387, 14,392, 14,430, 14,440, 14,487, 14,544, 14,586, 14,687. Could not perf last two shots @ 14,733 and 14,751. All depths from CNL log. SITP 4300 psi.
12/3: Prep to flow to pit. AT gross perfs 11,830-14,687 w/30,000 gal 15% HCl. Evenly distributed fifty-eight 7/8" ball sealers w/1.4 gravity throughout acid. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 3# G-7, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Flushed w/6500 gal FW w/each 1000 gal containing 165# NaCl and 20# G-5. Max press 10,000 psi, avg 8500 psi, min 6800 psi. Max rate 12.5 B/M, avg 10.5 B/M, min zero. ISIP 4900 psi, decr to 4600 psi in 5 min, to 4500 psi in 10 min, to 4300 psi in 15 min, to 4100 psi in 20 min. With 608 bbls and 49 balls on fm, balled out. SD 10 min and started acid. Pmpd 689 bbls on fm and balled out. Bled 15 bbls to pit. SD 10 min to let balls stop. Pmpd remainder of flush. Balls and bead action good. Breaks from 50-200 psi. Max HP 2708, avg 2525.
12/4: SI for BHP. Flowed to pit 4 hrs on 64/64" chk, flwg est of 800 BO and rate of 4 MMCF gas/day w/1150-900 psi TP. Last 2 hrs flowed est 200 BO/H on 64/64" chk w/900 psi TP. Chks and press's as follows:

Choke	FTP	Choke	FTP
54/64"	1025	24/64"	2400
44/64"	1325	14/64"	3400
34/64"	1775	4/64"	3600

SI w/4100 psi. Ran BHP to 13,000 w/11,000# element and 168 hr clock. Bomb on btm @ 3 PM. TP 4200 psi. Will pull bomb @ 1 PM, 12/10/72. (Reports discontinued until further activity). DEC 1 1972

Shell-Burton 1-15B5
(D) Western Oilwell
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800. Going in hole w/2-7/8" tbg. Finished RU Western Oilwell. Installed BPV, removed tree, installed BOP's, removed BPV and tested BOP's to 5000 psi. Ran in hole w/4-1/8" bit, 3300' of 2-7/8" tbg, 7" scraper and 2-7/8" tbg. NOV 2 2 1972

Shell-Burton 1-15B5
(D) Western Oilwell
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800.
11/23: SD for holiday. Went in hole w/2-7/8" tbg, breaking circ @ 11,500'. Had to break circ every 5 to 10 jts. Ran to 13,000'-could not go further. Took 5000 psi to break circ. Circ out 14.6 ppg mud w/FW.
11/24: Tripping in hole to CO.
11/25: Pulling out of hole w/tbg. Finished tripping in hole, breaking circ every 2 to 5 jts. Ran to 14,000'. Took 5000 psi to break circ from 14,000 to 14,800. Circ hole clean. Sptd 80 bbls 2% NaCl on btm. Tested hole to 4000 psi, OK. Inflow tested OK. Pulled 5 stds tbg.
11/26: Running heat string. Pulled scraper, bit and tbg, laying down 3300' of 2-7/8" tbg. RU Schl to set pkr. Set Baker Model "D" 7" prod pkr @ 10,900'. RD Schl. Changed rams in BOP's. Ran 2500' of 5½" heat string.
11/27: Spacing out tbg. Finished running 5½" 14# ST&C K-55 heat string to 4483' (105 jts). Installed BPV, removed BOP's, installed 10" 5000 psi x 6" 5000 psi tbg hanger. Installed BOP's, removed BPV and tested BOP's to 5000 psi. Ran in hole w/prod eqmt and 2-7/8" tbg.

NOV 2 7 1972

Shell-Burton 1-15B5
(D) Western Oilwell
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800. RD&MO Western Oilwell Service. Spaced out tbg. Displaced FW w/inhib wtr. Displaced tbg w/2% NaCl. Latched back on w/2000# set-down wt. Press tested tbg and liner to 7500 psi for 1 hr, OK. Installed BPV, removed BOP's, installed 2000 psi tree and removed BPV. Tested tree to 10,500 psi, OK. Prod eqmt as follows: 1 jt tbg, 2' x 2-7/8" sub, 174 jts tbg, Merla KBM mandrel #9-115 @ 5497, 170 jts tbg, Merla KBM mandrel #9-116 @ 10,801, 3 jts tbg, Baker Model "EL" on-off seal connector, Baker anchor seal assembly w/2 seal units and 10' x 2-7/8" NU 10rd prod tube. All tbg 2-7/8" EUE 8rd N-80. All collars Baker sealed.

NOV 2 8 1972

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800. Prep to perf. Released Western @ 6 PM, 11/27.

NOV 2 9 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner @ 14,807'

14,808/95/94/0. PB 14,800. Tripping out to log. DO FC and DO cmt to 14,800'. Tested liner to 2000 psi for 15 min, OK. Cond mud to run CNL.
Mud: (gradient .747) 14.4 x 42 x 20 NOV 9 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner at 14,807'

11/4: 14,808/95/95/0 PB 14,800. Running in w/CNL. Pulled out and ran CNL. Log stopped at 14,697. Ran in w/4 1/8" mill to 14,800'. Cond mud. Tripped out and ran in w/CNL.
Mud: (.747) 14.4 x 47 x 20
11/5: 14,808/95/96/0 PB 14,800. Testing casing. Ran CNL, stopped at 14,697. Logged from 14,697-11,556. Ran in w/RTTS tool and set tool at 11,400 w/wtr in DP. No inflow in 40 min. Pulled to 6300' and set tool. Press'd annulus to 3700 psi for 15 min, ok. Pulled to 1,000'.
11/6: 14,808/95/97/0 PB 14,800. RDRT.
Tested csg w/RTTS tool and set at 5,000' w/5350 psi for 15 min, ok. Pulled out and ran 2 7/8" DP; laid down same. Ran and laid down 3½" DP. NOV 6 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner at 14,807'

14,808/95/98/0 PB 14,800. Cleaning pits. Laid down DP, kelly, DC's, and installed hanger and back press valve. Stripped out BOP's and installed tbg spool. NOV 7 1972

Shell-Burton 1-15B5
(D)
14,808' Wasatch Test
5" liner at 14,807'

TD 14,808. PB 14,800. MORT. Cleaned pits. Loaded out DP and DC's. Rig released 10 AM 11-7-72. (Disc until further activity) NOV 8 1972

Shell-Burton 1-15B5
(D) Western Oilwell
14,808' Wasatch Test
5" liner @ 14,807'

TD 14,808. PB 14,800. (RRD 11/8/72) Press testing BOP's. Prepared location and MI&RU Western Oilwell Service on 11/20/72. NOV 21 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
7" csg @ 11,797'

14,808/95/87/0. Running 5" liner. Circ and cond mud 7 hrs. Made 3 std short trip. Had no drag after circ out. Tripped out of hole, RU and ran 84 jts of 5" 18# Hydril SFJ-P w/Burns liner hanger and Halliburton FC and FS. Differential fill floating eqmt not operating - filling pipe every 10 stds. Broke circ @ 7" csg shoe. Lost 100 bbls mud last 24 hrs. OCT 2 7 1972
Mud: (gradient .760) 14.6 x 54 x 5.8 (12% LCM)

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner @ 14,807'

10/28: 14,808/95/88/0. Pulling to 8500'. Finished running in hole w/5" liner, tagging btm @ 14,808. Circ btms up. Set hanger w/shoe @ 14,807, FC @ 14,697.89' top of liner @ 11,566'. Cemented w/700 sx Class "G" w/ 2% Bentonite, 30% silica flour, 1½% D-31 and 0.1% retarder. Displaced w/142 bbls. Pmpd 143 bbls - plug would not bump. Pulled setting tool. Ran 6-1/8" bit w/3 DC's to 9600'. Started taking wt. Bit and scraper partially stuck. Pulled back 13 stds to circ.
Mud: (gradient .760) 14.6 x 54 x 5.8 (13% LCM)
10/29: 14,808/95/89/0. PB 10,065. Drilling cmt. Pulled wet string - bit plugged w/cmt and 3 DC's plugged w/LCM. Laid down and picked up 3 DC's, unplugged and reran bit to 8000'. Circ out contaminated mud. Circ @ 9500'. Drld firm cmt from 9530 to 10,065.
Mud: 14.2 x 53 x 6.0 OCT 3 0 1972
10/30: 14,808/95/90/0. PB 10,395. Drilling cmt. Built mud volume. Tripped for mill and drld cmt 11 hrs.
Mud: (gradient .743) 14.3 x 45 x 12.0

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner @ 14,807'

14,808/95/91/0. PB 11,566. Repairing rig. DO cmt from 10,395-11,566.
Mud: (gradient .742) 14.3 x 46 x 14.0 OCT 3 1 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner @ 14,807'

14,808/95/92/0. PB 11,566. Picking up DP. Tested liner lap w/2000 psi for 15 min, OK. Picked up three 3-1/8" DC's, mill, jk sub and csg scraper and started picking up 2-7/8" DP. NOV 1 1972
Mud: (gradient .742) 14.3 x 46 x 14.0

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
5" liner @ 14,807'

14,808/95/93/0. PB 14,659. Drilling cmt. Finished picking up 2-7/8" DP and ran in hole, DO liner hanger. Ran 25 stds, hitting top of cmt @ 13,920'. CO cmt stringers from 13,920-14,659.
Mud: (gradient .747) 14.4 x 42 x 18.0 NOV 2 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

10/21: 14,790/95/81/24. RU to log. Corrected TD w/DP measurement: 14,766 = 14,790. Circ up 540 units gas, dropping off to 320 units background. Made 18 std wiper trip w/no fill on btm. Circ up 520 units gas, dropping to 350 units. Pulled out of hole to log. Lost 50 bbls mud last 24 hrs.
Mud: (gradient .755) 14.5 x 50 x 6.2 (3% LCM) OCT 2 3 1972
10/22: 14,790/95/82/0. Tripping in to cond hole for logging. RU Schl and ran DIL from 11,997-14,790. Ran CNL to 12,700, stopping on bridge. Ran in w/bit, breaking circ @ 8500' and 11,000', circ btms up. Mud in 14.4 and out 13.2. Lost 125 bbls mud last 24 hrs.
Mud: 14.5 x 55 x 6.2 (3% LCM)
10/23: 14,790/95/83/0. Tripping & circ to cond hole for logs. Circ @ 13,000. Trip gas: 460 units. Background gas: 100 units. Tripped out w/no fill on btm. Ran CNL from 14,790-11,797. Reran log (unsatisfactory). Hole tight - ran in w/bit to cond hole, breaking circ @ 8000' and 11,000'.
Mud: 14.5 x 55 x 6.4 (5% LCM) OCT 2 3 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,790/95/84/0. Logging. Circ @ 13,000' - no fill on btm. Circ @ 14,790. Ran Sonic w/cal from 11,795-14,790. Hole tight. Background gas: 180 units. Trip gas: 540 units.
Mud: (gradient .755) 14.6 x 65 x 6 (5% LCM) OCT 2 4 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,800/95/85/10. Drilling. Ran DIL, BHCS-GR, FDC and CNL from 11,788-14,781. Lost circ @ 14,795, losing 100 bbls mud. Background gas: 220 units. Trip gas: 440 units.
Mud: (gradient .755) 14.5 x 54 x 6.0 (3% LCM) OCT 2 5 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,808' Wasatch Test
7" csg @ 11,797'

14,808/95/86/8. Cond hole to run 5" liner. Lost returns @ 14,808. Mixed LCM, pulled 1 std and regained circ. Reamed tight spot from 14,730-14,750 and CO to TD. Circ and cond mud and hole. Made 10 std short trip, hitting bridge @ 14,658. Drld and washed back to btm, incr mud wt to 14.7 ppg. Circ @ TD 3 hrs. Lost 275 bbls mud last 24 hrs. Background gas: 180 units. Connection gas: 520 units.
Mud: (gradient .765) 14.7 x 52 x 5.2 (10% LCM) OCT 2 6 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,180/95/73/65. Drilling. Tripped for new bit @ 11,169. Lost approx 50 bbls mud on trip. Broke circ @ 7000, 11,800, 13,200 and TD. Trip gas. 360 units. Background gas: 80 units.
Mud: (gradient .770) 14.4 x 49 x 7.8 (2% LCM) OCT 15 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

10/14: 14,345/95/74/165. Drilling. Lost approx 50 bbls mud. Background gas: 40 units.
Mud: (gradient .770) 14.4 x 49 x 7.2
10/15: 14,515/95/75/170. Drilling. Background gas: 30 units. Connection gas: 360 units.
Mud: (gradient .770) 14.4 x 49 x 7.6
10/16: 14,670/95/76/155. Drilling. Background gas: 14 units. Connection gas: 260 units.
Mud: (gradient .770) 14.4 x 52 x 7 OCT 16 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,697/95/77/27. Circ. Drld to 14,692 and lost circ. Mixed and sptd LCM pill. Pulled 15 stds and circ hole w/no inflow while circ. Ran back to btm and DO bridge @ 14,397. Circ btms up w/580 units gas. Built mud wt from 14.4 to 14.5 ppg. Gas 450 units. Building mud to 14.6 ppg. Mud in 14.4 and cutting to 13.2. Lost 150 bbls mud last 24 hrs.
Mud: (gradient .755) 14.5 x 49 x 7.4 OCT 17 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,697/95/78/0. Circ. Laid down 6 jts bad DP and 1 DC. Measured in hole, breaking circ @ 9000', 11,000' and 13,000'. Washed 60' to btm. OCT 18 1972
Mud: (gradient .760) 14.6 x 52 x 6.8 (3% LCM)

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,700/95/79/3. Drilling nut fill. Washed to btm. Lost circ. Mixed and sptd LCM pill. Pulled 15 stds - no circ. Pulled 15 add'l stds - no circ. Pulled to 9500' and circ and cond mud. Staged in hole and circ @ 11,000', 13,000' and 14,000'. Reamed from 14,670-700. Background gas: 200 units. Max gas: 800 units. Lost 400 bbls mud last 24 hrs.
Mud: 14.3+ x 51 x 8.8 (5% LCM) OCT 19 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,766/95/80/66. Drilling. Reamed and drld bridges and fill. Background gas: 320 units. Connection gas: 520 units.
Mud: (gradient .750) 14.4 x 50 x 7.6 OCT 20 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,905/95/64/94. Drilling. Finished picking up 3½" DP and tripping in. Circ @ 11,800' and 12,300'. Washed to btm.
Mud: 14.3 x 48 x 9.1 OCT 4 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

13,090/95/65/185. Drilling. No mud loss.
Mud: (gradient .750) 14.4 x 48 x 8 OCT 5 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

13,140/95/66/50. Drilling. Tripped for new bit @ 13,112. Circ @ 11,800, 12,500 and washed to btm. No mud loss last 24 hrs. Trip gas: 130 units. Background gas: 10 units. OCT 6 1972
Mud: 14.4 x 47 x 8

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

10/7: 13,312/95/67/172. Drilling. No mud loss.
Mud: (gradient .750) 14.3 x 49 x 10.4
10/8: 13,482/95/68/170. Drilling.
Mud: (gradient .750) 14.3 x 47 x 11.2
10/9: 13,634/95/69/152. Drilling. No mud loss.
Background gas: 4 units. Connection gas: 12 units.
Mud: (gradient .740) 14.2 x 49 x 8 OCT 9 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

13,810/95/70/176. Drilling.
Mud: 14.2 x 49 x 10 OCT 10 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

13,980/95/71/170. Drilling. No mud loss. Background gas: 20 units. Connection gas: 320 units.
Mud: (gradient .750) 14.2 x 51 x 8 OCT 11 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

14,115/95/72/135. Drilling. While drlg @ 14,099, lost approx 50 bbls mud w/360 units background gas. Mixed and sptd LCM pill. Background gas: 30 units. Connection gas: 60 units.
Mud: (gradient .748) 14.4 x 48 x 9.2 (3% LCM) OCT 12 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,493/95/56/68. Drilling. Laid down 3 cracked jts and changed bits @ 12,438. Lost circ. Mixed and pmpd LCM pill. Lost 150 bbls mud @ 12,450.
Mud: (gradient .718) 13.8 x 48 x 8.0 (5% LCM) SEP 2 6 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,553/95/57/60. Drilling. Press incr 600# while drlg. Pulled bit and tripped to 11,893. Reamed from 11,893-11,923 and 12,463-12,553.
Mud: 13.8+ x 47 x 8.4

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,630/95/58/77. Drilling. Reamed to btm.
Mud: (gradient .728) 14.0 x 48 x 8.2 SEP 2 8 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,717/95/59/87. Drilling. At 12,660, had 400 units gas. Mud in 14.1 ppg, out 13.5 ppg. Incr mud to 14.2. Background gas: 12 units. SEP 2 9 1972
Mud: 14.2 x 48 x 8

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

9/30: 12,811/95/60/94. Fishing. Twisted off last 80,000# wt. Circ 1 hr and pulled out of hole. Top of fish @ 7140'. Left 54 stds DP and BHA in hole.
Mud: (gradient .738) 14.2 x 48 x 8.0
10/1: 12,811/95/61/0. Cond mud. Ran in hole w/overshot - could not get over fish. Ran back in hole and screwed into fish. Lost fish while pulling out of hole. Ran in w/taper tap and screwed into fish.
Mud: 14.2 x 46 x 8.7 (3% LCM)
10/2: 12,811/95/62/0. Building mud vol. Cond mud. Circ out 850 units gas. Sptd LCM pill and pulled 2 stds. Lost fish. Picked up 6 DC's and ran in hole w/skirted mill. Milled off tool jt and tripped out. Ran overshot and picked up fish. Started circ, losing same. Mixed and sptd LCM pull. Pulled to shoe and started building mud vol.
Mud: 14.2 x 46 x 8.8 (10% LCM) OCT 2 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

12,811/95/63/0. Picking up 3½" DP. Circ btms up @ 11,800. Pulled out, breaking tight jts and laying down crooked DP. Magnafluxed DC and stab, laying down 69 jts 3½" DP and 3 DC's.
Mud: 14.2 x 49 x 8.0 (10% LCM) OCT 3 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

9/16: 11,798/95/46/0. Laying down 5" DP. Circ @ 10,500-11,200 and 11,798 for 7 hrs. Took multishot survey from 11,748-6800. Started laying down 5" DP.
Mud: 10.2 x 43 x 9.4 (22% LCM)
9/17: 11,798/95/47/0. Flanging up. Laid down 5" DP, HW DP, and DC's. Pulled wear bushing. Ran 277 jts 7" 26# S-95 8rd csg to 11,797, collar @ 11,663. With 36 BW ahead, cmtd 7" w/457 cu ft Class "G" B-J Lightwt (slurry 12.4), followed by 195 sx Class "G" (15.9 slurry). Displaced w/ 457 bbls mud. Did not bump plug. Float held OK. CIP @ 11:50 PM. Picked up BOP's. Landed csg in slips as cmtd.
9/18: 11,798/95/48/0. Testing mud lines. Cut off 7" csg. Flanged up BOP's. Tested BOP stack, chk lines, kelly cocks, kill lines and mud lines to 5000 psi. Changed lines in pump and changed out kelly. SEP 18 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

11,798/95/49/0. Picking up 3½" DP. Finished testing mud lines. Changed tongs and RU pipe spinner. Picked up 21 DC's and 3 stabs and started picking up DP. SEP 19 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

11,800/95/50/2. Tripping in. Finished picking up 3½" DP. Top of cmt @ 11,600'. DO collar @ 11,663 and cmt to 11,780. Tested csg to 3500 psi for 10 min, OK. DO cmt and shoe @ 11,797 and drld to 11,800 and pulled out of hole.
Mud: (gradient .535) 10.3 x 45 x 10.8 (5% LCM) SEP 20 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

11,900/95/51/100. Drilling. Finished tripping in w/ new bit. SEP 21 1972
Mud: 10.6 x 46 x 12.2

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg at 11,797'

11,955/95/52/55 Drilling. Repaired pump.
Background gas - 4 units
Trip gas - 275 units
Mud: (.570) 11.0 x 47 x 11.4 SEP 22 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
7" csg @ 11,797'

9/23: 12,105/95/53/150. Drilling.
Mud: (gradient .650) 12.5 x 47 x 8.8
9/24: 12,275/95/54/175. Drilling. SEP 25 1972
Mud: (gradient .695) 13.4 x 46 x 8.8
9/25: 12,425/95/55/150. Drilling. Changed wash pipe. Tripped to shoe for repairs.
Mud: (gradient .700) 13.5+ x 46 x 8.4

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

9/9: 11,390/95/39/220. Drilling.
Mud: 8.9 x 39 x 10
9/10: 11,533/95/40/143. Tripping for bit. Dev: 3/4° @ 11,533.
Mud: 9.2 x 42 x 14.6
9/11: 11,594/95/41/61. Drilling w/2500 psi. Hole took 50 bbls excess mud. Pulled out of hole and started back in hole w/very little returns. Mixed pit mud w/15 #/bbl LCM. Circ hole. Staged in hole 10 stds @ a time and circ w/low pump press. Washed 40' to btm. Drld to 11,594, losing complete returns. Mud dropped in annulus. Filled annulus w/wtr. Added LCM to pit. Pumped mud down w/25% LCM @ very low pump rate. Able to get mud back in flowline. Circ w/1000 psi for 1 hr. Total mud loss last 24 hrs 400 bbls. SEP 1 1 1972
Mud: 9.5 x 41 x 9.4 (15% LCM)

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

11,710/95/42/116. Drilling. Hole taking some mud. Drld w/reduced pump rate. Lost 600 bbls mud last 24 hrs. Background gas: 12 units. Max gas: 180 units.
Mud: 10.2 x 43 x 8.6 (18% LCM) SEP 1 2 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

11,761/95/43/51. Pulling out of hole to log. Hole took mud while drlg w/1000 psi pump press. Bit started to torque @ 11,761. Circ and cond mud until pit level stabilized. Lost approx 800 bbls mud last 24 hrs.
Mud: 10.3 x 46 x 8.2 (20% LCM) SEP 1 3 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

11,798/95/44/0. Logging. Made SLC - 11,761 = 11,798. RU Schl and ran logs as follows: BHCS-GR w/cal from 11,794-300' and FDC-CNL-GR from 11,794-6825. Will run DIL this morning. Hole taking approx 3 bbls/hr, taking 150 bbls last 24 hrs. SEP 1 4 1972
Mud: 10.2 x 45 x 8.0 (25% LCM)

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

11,798/95/45/0. Circ and cond mud. Finished logging. Ran DIL from 6825 to 11,794. RD Schl. Went in hole w/ monel DC to 5000'. Circ out and cond hole. Circ @ btm of csg @ 6800-7500, 8500, 9500, 10,500 w/no mud loss. SEP 1 5 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

7565/95/30/425. Drilling. AUG 3 1 1972
Mud: Wtr

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

7940/95/31/375. Drilling. Dev: 3° @ 7582. Changed bit @ 7582. Reamed and washed to btm - no fill.
Mud: Wtr SEP 1 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

9/2: 8390/95/32/450. Drilling.
Mud: Wtr
9/3: 8870/95/33/480. Drilling.
Mud: Wtr
9/4: 9030/95/34/160. Drilling. Tripped out and laid down 70 jts DP. Picked up 5" DP and inspected 5" string. Washed to btm. Dev: 3¼° @ 8976'. SEP 5 1972
Mud: Wtr
9/5: 9800/95/35/770. Drilling. Tripped out and laid down 35 jts DP. Picked up 35 jts DP.
Mud: Wtr

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

10,425/95/36/625. Tripping in w/new bit.
Mud: Wtr SEP 6 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

10,735/95/37/310. Tripping in w/new bit. Washed to btm.
Mud: Wtr SEP 7 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

11,170/95/38/435. Drilling. Finished trip in w/new bit. Washed to btm. Mudded up @ 11,000'.
Mud: 8.6 x 38 x 6.4 SEP 8 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

6693/95/25/146. Drilling. Tripped for new bit @ 6605'. Reamed 2½ hrs. Circ hole. JUN 16 1972
Mud: Lime wtr

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
9-5/8" csg @ 6810'

6/17: 6810/95/26/117. RU to run survey tool. Circ prior to tripping out for new bit and to run survey. Started in w/survey tool, hitting bridge @ 3968. Prep to rerun survey.
Mud: Aerated lime wtr
6/18: 6810/95/27/0. Laying down DP. Pulled float and changed monel DC. Tripped in to 3750. Ret survey instrument w/WL. Reamed bridges from 3750 to 6810. Unloaded hole and pmpd 450 bbls gel mud w/15% LCM down hole. Ran Eastman multishot, instrument failed.
Mud: Aerated lime wtr
6/19: FC @ 6721. NU 9-5/8" csg. Finished laying down DP and DC's. Broke kelly and removed wear ring. Ran and cmtd 163 jts 9-5/8" 40# N-80 LT&C csg and 6 B&W centralizers to 6810 w/250 sx Hal lite containing 10# gilsonite per sk and 550 sx Class "G" containing 3% salt and 0.75% CFR-2. FC @ 6721. Filled pipe and washed last 70' to btm. Plug in place w/1500 psi 4:30 AM, 6/19. Set slips and nippled down Hydril. JUN 19 1972
Mud: Lime wtr

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
9-5/8" csg @ 6810'

TD 6810. FC @ 6727. MORT. Cut 9-5/8" csg and nippled up AP head. Mixed and pmpd 200 sx 50:50 pozmix w/25# Gilsonite/sk down 9-5/8" x 13-3/8" annulus - did not fill. Released rig @ 9:30 AM, 6/19/72. RDUFA. JUN 20 1972

Shell-Burton 1-15B5
(D)
14,800' Wasatch Test
9-5/8" csg @ 6810'

TD 6810. (RRD 6/20/72). Hal cmtd 13-3/8" x 9-5/8" annulus w/150 sx Howco lite cmt. WOC 12 hrs and re-cmtd w/150 sx Howco lite cmt. Annulus filled on second job. (RDUFA.) JUL 10 1972

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

TD 6810. (RRD 7/10/72)
8/28: Picking up DP. Flanged up BOP's and changed pipe rams. Tested BOP stack to 5000 psi. Started picking up DC and HW DP.
8/29: 6980/95/28/170. Drilling. Finished picking up and rubbering DP. Drld cmt, collar and shoe. Tested csg to 2500 psi. AUG 29 1972
Mud: Wtr

Shell-Burton 1-15B5
(D) Brinkerhoff #41
14,800' Wasatch Test
9-5/8" csg @ 6810'

7140/95/29/160. Drilling. Pipe parted @ 4827. Ran overshot and pulled fish. Laid down 16 jts DP. Fish dropped to btm while circ 30' off btm. AUG 30 1972
Mud: Wtr

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

4111/95/15/334. Drilling. Tripped for new bit @ 4054. Filled pipe and circ, working w/plugged bit. JUN 6 1972
Mud: Lime wtr (1100 cu ft air/min)

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

4300/95/16/189. Drilling. Dev: 1° @ 4100'. Laid down bad DC's and finished trip in hole. Installed rotating head, breaking circ. Reamed 30' to btm.
Mud: Lime wtr JUN 7 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

4530/95/17/230. Drilling. Blew air from hole after drlg 4 hrs. Unballed bit and cont'd drlg. Blew air from hole. Tripped for new bit @ 4442. Broke and doped all DC's. Installed rotating head. Broke circ and cont'd drlg. JUN 8 1972
Mud: Lime wtr

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

4880/95/18/350. Drilling.
Mud: Lime wtr JUN 9 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

6/10: 5280/95/19/400. Drilling.
Mud: Lime Wtr
6/11: 5562/95/20/282. Tripping for new bit.
Mud: Lime Wtr
6/12: 5800/95/21/238. Drilling. Broke circ and reamed under-gauged hole from 5517-5562.
Mud: Lime Wtr JUN 12 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

6008/95/22/208. Tripping for new bit.
Mud: Lime Wtr JUN 13 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

6212/95/23/204. Drilling. Reamed from 5923-6008'.
Mud: Wtr JUN 14 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

6547/95/24/335. Drilling.
Mud: Aerated wtr JUN 15 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13 3/8" csg @ 293'

5/27 1575/95/5/365. SD for repair of std pipe valve. Mixed chemical to drill w/foam. Picked up 2 DC's, shock sub, and stabilizers. Laid down DC's. Inj'g foam from 2-3 gal/min w/160-170 cf air/min.
5/28 1758/95/6/183. Drilling.
Repaired and replaced std pipe valve. Reamed 50' to btm. Packed inj pmp. Drld 1' and twisted off. Pulled head and went out of hole. Left 4-8" DC's and 2-7" DC's. WO sub. Pulled out w/fish and laid down same. Packed inj pump; found worn out part. Drlg w/defective pump; new on way.
Mud: Stiff foam
5/29 2105/95/7/347. Drilling.
Tripped out and picked up jk sub. Put in new float. Repaired pump.
Mud: Stiff foam.
5/30 2405/95/8/300. Drilling. Tripped and cut drlg line.
Work balled up bit
Pmpg 1100 cf air/min MAY 3 0 1972
Produced 100 BW/hr
Mud: Stiff foam

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13 3/8" csg @ 293'

2494/95/9/89. Magnafluxing DC's.
Repaired inj pump. Twisted off and tripped out WO overshot. Made up overshot and ran in to work stuck pipe. Backed off, circ, and worked pipe loose. Broke down tools and fish. MAY 3 1 1972
Mud: Stiff foam

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13 3/8" csg @ 293'

2569/95/10/75. Drilling. Dev: 0° 15' at 2550.
Magnafluxed DC's. Waited on stab and DC's.
Tripped in and reamed to btm. Chkd shock sub.
Reamed to btm 70'.
Mud: Stiff foam JUN 1 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13 3/8" csg @ 293'

2873/95/11/304. Drilling. Changed to lime water.
Circ to get circ. Mud: Aerated lime water. JUN 2 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13 3/8" csg @ 293'

6/3: 3165/95/12/292. Drilling. Dev 3/4° @ 2980.
Chgd reserve pit pump.
Mud: Lime wtr
6/4: 3240/95/13/256 Drilling. JUN 5 1972
Tripped for bit & picked up 7 — 3" DC.
Mud: Lime wtr
6/5: 3477/95/14/357 Tripping for bit. Worked on air service compressor.
Mud: lime wtr

OIL WELL
SHELL OIL COMPANY

FROM: 5-22-72 - 9-24-73

LEASE	BURTON		ALTAMONT
DIVISION	ROCKY MOUNTAIN	ELEV	6806 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test

"FR"
Located 736' FNL and 1727' FEL, Section 15-T2S-R5W, Duchesne County, Utah.
Elev: 6780 GL (Ungraded)
14,800' Wasatch Test
Shell Working Interest: 100%
Drilling Contractor: Signal Drilling Co. MAY 2 2 1972
This is a routine Wasatch development test.
5/22: Making up kelly. Mixed mud. Picked up power swivel, drlg rathole and mouse hole. RD and load out power swivel. Picked up kelly, rigging to spud.

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test

255/95/1/255. Drilling. Spudded well @ 7:30 AM, 5/22/72. Tripped to check bit, continued drlg and tripped for new bit @ 135'. MAY 2 3 1972
Mud: Wtr

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

315/95/2/60. Drilling. Ran and cmtd 7 jts (298') 13-3/8" 68# K-55 ST&C csg @ 293' w/450 sx Class "G" w/3% $CaCl_2$. CIP @ 5 PM. Had cmt returns throughout job. WOC. Cut csg, installed Bradenhead and tested. Nippled up BOP's. Tripped in hole, tagging cmt @ 255'. Drld plug, cmt and shoe.
Elev: 6780 GL (ungraded) MAY 2 4 1972

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

830/95/3/515. Drilling. Dev: 1° @ 566'. Lost circ while drlg @ 500'. Pulled into csg and mixed gel, wtr and LCM. Tried to circ. Tripped for new bit @ 566' and continued drlg. MAY 2 5 1972
Mud: 8.9 x 38 x 24

Shell-Burton 1-15B5
(D) Signal
14,800' Wasatch Test
13-3/8" csg @ 293'

1210/95/4/380. Drilling. Dev: 3/4° @ 960'. Tripped for new bit @ 1005' - hole tight. Installed rotating hd rig to drill w/air. MAY 2 6 1972
Mud: Wtr

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL and 1727' FEL Section 15

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 15-T2S-R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6806 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attachment

RECEIVED APR 8 1976 DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: April 9, 1976

BY: Patrick L. Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Kimmel TITLE Div. Opers. Engr. DATE 4/6/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

*See Instructions on Reverse Side

ACID TREAT

SHELL OIL COMPANY

FROM: 3/4/76 - 4/6/76

LEASE BURTON — WELL NO. 1-15B5 ALTAMONT

DIVISION WESTERN — ELEV 6806 KB

COUNTY DUCHESNE — STATE UTAH

UTAH

ALTAMONT

Shell-Burton 1-15B5
(AT)

"FR" TD 14,679. AFE #418007 provides funds to acidize perfs 11,830-14,751. 3/3 MI&RU BJ & tested surface lines to 10,000#. Trt'd well w/50 bbls hot wtr, then 252 bbls gelled 15% acid & 55 ball sealers. Max TP 9800 psi, min 8800, avg 9300. Max rate 12 B/M, min 9, avg 11. Flushed w/145 bbls prod wtr to btm perf. Used 350 cu ft N2/bbl; final 50 bbls acid & all of flush except last 30 bbls. Low rate pmp'g last 30 bbls. Attained 7 ball outs - 8800 to 9800#. Bled back 4 times; 4th time 10 mins to backflow balls. ISIP 4900 psi, 5 mins 4500, 10 mins 4400, 15 mins 4300. Backflow 15 bbls; well dead. Perfs trt'd 11,830-14,751 (45 holes). Trtmt balled out w/46 balls. RU BJ & pmp'd 40 bbls diesel down tbg @ 2000# @ 5 B/M. ISIP 1350 psi. 3/4 12-hr SITP 200#. Prep to backflow & RU Nowsco 1" CTU to displace tbg w/N2.

MAR 0 4 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. 12-hr SITP - opened well to battery thru 16/64" chk & unloaded diesel to battery 45 mins; FTP 600 psi. Turned well to pit; rec'g flush wtr & acid wtr thru 32/64" chk. Well died in 5 mins. RU Nowsco 1" CTU. Ran paraffin scraper. Washed tool on 1" tbg to 5400' (97' above 1st merla gas mandrel). Displaced tbg w/N2; well unloading acid wtr & oil ok. Pulled out of hole. Rig Nowsco off wellhead. Tbg press 50 psi & wellhead plugged off with paraffin. Well died w/paraffin bridge or blk in X-mas tree; would not flow to pit. Turned well to battery thru 25/64" chk @ 5 p.m. overnight.

MAR 0 5 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. 3/5 Well flw'g to battery thru 25/64" chk w/500 FTP. SI @ 12 noon. Chng'd trees. Opened well to battery; no flow. Left well open thru 25/64" chk; well kicked off during night. Turned to prod 3/5/76.

MAR 08 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 65 BO, 75 BW, 161 MCF gas thru 31/64" chk w/150 psi FTP.

MAR 0 [illegible] 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 97 BO, 232 BW, 129 MCF gas thru 31/64" chk w/50 psi FTP. MAR 10 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 82 BO, 123 BW, 128 MCF gas thru 45/64" chk w/50 psi FTP. MAR 11 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 126 BO, 191 BW, 128 MCF gas thru 45/64" chk w/200 psi FTP. MAR 12 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. RU Nowsco & ran CT to 8000' while inj'g N2. Unloaded 216 BW, 83 BO. RD Nowsco & left well on 45/64" chk w/100# TP. 3/13 well prod 289 BO, 850 BW & 388 MCF gas. 3/14 well prod 260 BO, 734 BW & 398 MCF gas. MAR 15 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 221 BO, 396 BW, 319 MCF gas thru 45/64" chk w/50 psi FTP. MAR 16 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 186 BO, 337 BW, 233 MCF gas thru 48/64" chk w/50 psi FTP. MAR 17 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 123 BO, 211 BW, 232 MCF gas thru 48/64" chk w/50 psi FTP. MAR 18 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 37 BO, 148 BW, 230 MCF gas thru 50/64" chk w/50 psi FTP. MAR

Shell-Burton 1-15B5 (AT)

MAR 22 1976

TD 14,679. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
3/20:	24	56	100	153	50/64"	50
3/21:	24	31	51	107	50/64"	50
3/22:	24	23	25	61	1"	50

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 35 BO, 28 BW, 77 MCF gas thru 1" chk w/50 psi FTP. MAR 23 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 46 BO, 28 BW, 78 MCF gas thru 1" chk w/50 psi FTP. MAR 24 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 24-hr test, flwd 0 BO, 26 BW, 14 MCF gas thru 1" chk w/50 psi FTP. MAR 25 1976

Shell-Burton 1-15B5 (AT)

TD 14,679. Flowing. On 4-hr test, flwd 9 BO, 4 BW, 8 MCF gas (chk SI) w/800 psi FTP. MAR 26 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
3/27:	21	66	43	80	1"	50
3/28:	SI for wax cutter					
3/29:	24	68	40	155	1"	50

MAR 29 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 34 BO, 42 BW, 124 MCF gas thru 1" chk w/50 psi FTP.

MAR 30 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 46 BO, 17 BW, 45 MCF gas thru 1" chk w/50 psi FTP.

MAR 31 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 14 BO, 30 BW, 60 MCF gas thru 1" chk w/0 psi FTP.

APR 01 1976

Shell-Burton 1-15B5
(AT)

TD 14,679. Flowing. On 24-hr test, flwd 47 BO, 68 BW, 45 MCF gas thru 1" chk w/50 psi FTP.

APR 02 1976

Shell-Burton 1-15B5
(AT)

APR 05 1976

TD 14,679. Flowing. 4/3-4/76 SI. 4/5 On 20-hr test, flwd 109 BO, 61 BW, 129 MCF gas thru 20/64" chk w/50 psi FTP.

Shell-Burton 1-15B5
(AT)

TD 14,679. ACID TRTMT COMPLETE. On 24-hr test 3/2/76 before work, prod 5 BO, 0 BW, 17 MCF gas thru 1" chk w/50 psi FTP. On 24-hr test rept'd 4/6/76 prod 51 BO, 67 BW, 109 MCF gas thru 1" chk w/100 psi FTP.
FINAL REPORT

APR 06 1976

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL Section 15

RECEIVED JAN 13 1977 DIVISION OF OIL & GAS CONSERVATION

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 15-T2S-R5W

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	6806 KB	Duchesne	Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Equip for Gas Lift			[X]
(Other) Equip for Gas Lift			[X]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Jan 12, 1977
BY: R. L. Arnold

18. I hereby certify that the foregoing is true and correct

SIGNED J. A. Brummett TITLE Div. Opers. Engr. DATE 1/12/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/Attachment

*See Instructions on Reverse Side

EQUIP FOR GAS LIFT
SHELL OIL COMPANY

FROM: 12/9/76 - 1/7/77

LEASE	BURTON	WELL NO.	1-15B5
DIVISION	WESTERN	ELEV	6806 KB
COUNTY	DUCHESNE	STATE	UTAH

ALTAMONT

UTAH
ALTAMONT

Shell-Burton 1-15B5
(Equip for gas lift)

"FR" TD 14,803. PB 14,800. AFE #526014 provides funds to equip well for gas lift. MI&RU CWS #76. SD for night.

DEC 09 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. SICP 0; SITP 75#. Backed well down w/30 bbls diesel & 50 BW. Installed 6" BOP's. Pulled 348 jts 2-7/8 tbg & 2 mandrels w/dummy valves. RIH w/tbg sub on donut & locked donut into hanger. SD for rig repairs.

DEC 10 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. SD for repairs.

DEC 13 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. No report.

DEC 14 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. No report.

DEC 15 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. No report.

DEC 16 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. No report. DEC 17 1976

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 24 hr test well prod 41 BO, 388 BW, 456 MCF Gas w/300 psi. DEC 28 1976

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 24 hr test well prod 57 BO, 420 BW, 628 MCF Gas w/300 psi. DEC 29 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. 12/11-[illegible]/76 Down for rig repairs. 12/16 Pmp'd 100 BW down tbg to kill well; well on vac. Installed 10" BOP's & LD 5-1/2 heat string. Installed 6" BOP's & RIH w/ 2-3/8 tbg. SD for night. 12/17 Pmp'd 100 BW to kill well. RIH w/56 jts 2-3/8 tbg & 348 jts 2-7/8 tbg to spt acid. Pmp'd 3500 gals 15% HCl, 11 gals C15 & 7 gals J22 into liner. Pmp'd 62 BW down tbg to displ acid & down to just below top of liner. Pulled 38 jts 2-7/8 tbg to get tbg tail above acid. Left acid in liner overnight. 12/18 Pmp'd 100 BW to displ acid & kill well. Pulled 310 jts 2-7/8 tbg & 76 jts 2-3/8 tbg. RIH w/redressed seal assembly, 3 jts tbg, mandrel w/valve @ 10,807, 19 jts tbg, mandrel w/valve @ 10,222, 20 jts tbg, mandrel w/valve @ 9600, 20 jts tbg, mandrel w/valve @ 8963, 24 jts tbg, mandrel w/valve @ 8207 & 10 jts tbg. SD for night.

DEC 20 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. No report.

DEC 21 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. Pmp'd 75 BW to kill well. RIH w/37 jts tbg, mandrel w/valve @ 7019, 55 jts, mandrel @ 5291, 77 jts, mandrel @ 2887, 90 jts, 1 8' sub & 1 jt tbg. Latched into pkr, landed on donut & tested tbg to 2500#. Set BPV in tbg hanger, removed BOP's & installed tree. Removed BPV & tied flowlines back into tree. Released rig 12/20. Turned well over to prod.

DEC 22 1976

Shell-Burton 1-15B5
(Equip for gas lift)

TD 14,803. PB 14,800. On various tests well prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/22	24	211	140	1133	400
12/23	24	319	715	782	250
12/24	24	93	646	674	300
12/25	24	129	288	420	1500
12/26	24	113	400	449	250

DEC 27 1976

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 24 hr test well prod 98 BO, 637 BW, 956 MCF Gas w/250 psi. DEC 30 1976

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
12/30:	24	113	694	1093	1366
12/31:	15	44	430	329	1366
1/1:	14	16	190	303	1366

JAN 03 1977

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 16-hr test, gas lifted 39 BO, 337 BW, 683 MCF gas w/1366 psi inj press. JAN 04 1977

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 23-hr test 1/3, gas lifted 282 BO, 486 BW, 755 MCF gas w/1366 psi inj press. On 24-hr test 1/4, gas lifted 10 BO, 541 BW, 478 MCF gas w/1268 psi inj press.

JAN 05 1977

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 24-hr test, gas lifted 83 BO, 482 BW, 673 MCF gas w/1268 psi inj press. JAN 0 6 1977

Shell-Burton 1-15B5
(Equip for Gas Lift)

TD 14,803. PB 14,800. On 24-hr test 12/8/76 before work, prod 0 BO, 4 BW, 83 MCF gas w/50 psi. On 24-hr test 1/6/77 after work, gas lifted 18 BO, 820 BW, 694 MCF gas w/1268 psi inj press.
FINAL REPORT

JAN 07 1977

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL Section 15

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 15-T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6806 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Prod Log & AT			[X]	(Other) Prod Log & AT			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5-6-77

BY: Cleon B. Feight

18. I hereby certify that the foregoing is true and correct

SIGNED L. P. Landrey TITLE Div. Opers. Engr. DATE 5/2/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/attachment

*See Instructions on Reverse Side

*PROD LOG & ACID TREAT — ALTAMONT

SHELL OIL COMPANY

LEASE	BURTON	WELL NO.	1-15B5
DIVISION	WESTERN	ELEV	6806 KB
COUNTY	DUCHESNE	STATE	UTAH

FROM: 4/14 - 4/28/77

UTAH
ALTAMONT

Shell-Burton 1-15B5
(Prod Log & AT)

"FR" TD 14,807. PB 14,800. AFE #423787 provided funds to prod log (perfs 11,830-14,687) & AFE provides funds to AT. 4/7 Ran caliper & found scale in 5" liner. Hvy scale from 14,130-14,200; smlest ID of restriction 3.4" from 14,180-14,190. 4/12 Ran SV & press'd tbg to 3000#, ok. BJ pmp'd 5000 gals 15% @ 1 B/M. Press before 400 & 0 after. Displ'd tbg w/60 bbls prod wtr & SI well. APR 14 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 7-hr test, gas lifted 31 BO, 88 BW, 250 MCF gas w/1140 psi inj press. APR 15 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 18-hr test, gas lifted 89 BO, 408 BW, 846 MCF gas w/1160 psi inj press. APR 18 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
4/15	24	115	558	846	1160
4/16	24	99	471	715	1160
4/17	24	95	453	786	1160

APR 19 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 24-hr test, gas lifted 94 BO, 354 BW, 637 MCF gas w/1140 psi inj press. APR 20 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. RU Schl to prod log; tools failed. APR 21 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. Result of prod log run by Schl: Flw rate ±120 BO/D & ±540 BW/D w/±800 MCF/D gas. Depth 14,175 - 25% flw; 13,870 - 6%; 13,515 - 10%; 12,975 - 16%; 12,935 - 8%; 12,760 - 16% thief; 12,560 - 8%; 12,420 - 8%; 12,150 - 12% thief; 11,900 - 8%; 11,875 - 15%; 11,830 - 25%. RD&MO Schl 10:30 a.m. 4/21. Prod log complete. APR 22 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 24-hr test, gas lifted 121 BO, 546 BW, 1160 MCF gas w/1180 psi inj press. APR 25 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
4/22	20	72	148	547	1100
4/23	24	75	154	547	1100
4/24	24	76	383	810	1120

APR 2 6 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 24-hr test, gas lifted 95 BO, 533 BW, 822 MCF gas w/1160 psi inj press.

APR 2 7 1977

Shell-Burton 1-15B5
(Prod Log & AT)

TD 14,807. PB 14,800. On 24-hr test 4/26/77 after work, gas lifted 95 BO, 561 BW & 858 MCF gas w/1160 psi inj press.
FINAL REPORT

APR 2 8 1977

Shell Oil Company

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

PRD4278[redacted]5426

4241 State Office Building: Salt Lake City, Ut. 84114 • 801-533-5771

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

UTEX OIL CO.
% SHELL WESTERN E&P INC.

• [redacted] Operator name change
PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name / API Number / Entity / Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
MILES 1-35A4 / 4301330029 01965 01S 04W 35	WSTC	22	1677	1802	5722
SHELL U. FEE 1-23B4 / 4301330038 01970 02S 04W 23	GR-WS	TA 4/79	0	0	0
BROTHERSON 2-2B4 / 4301330855 08420 02S 04W 2	WSTC	31	10958	13758	509
BURTON 1-15B5 / 4301330128 08421 02S 05W 15	WSTC	31	372	0	5854
BROTHERSON 1-23B4R / 4301330483 08423 02S 04W 23	WSTC	27	2399	0	10422
BLUFF 33-4 / 4303715866 08425 40S 23E 4	PRDX	SHUT IN 1958	0	0	0
~~L.D.S. CHURCH 2-27B5~~ / ~~4301330340 99996 02S 05W 27~~	~~UNTA~~	~~WELL SOLD~~	~~0~~	~~0~~	~~0~~
TOTAL			15406	15560	22507

Do not put agaog on Production Report only temporarily A Entity for WIW should not have printed

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Telephone

Authorized signature

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

010935A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Limited Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: See attached list

RECEIVED
DEC 31 1986
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15 2s 5w

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

12. COUNTY OR PARISH: Duchesne

13. STATE:

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) -Change Operator			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED: M. K. Nelson TITLE: Dist. Land Mgr. DATE: 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS 1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

DOGM 56-64-21
an equal opportunity employer

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
BROTHERSON 2-2B4 4301330855 08420 02S 04W 2	WSTC				
BURTON 1-15B5 4301330128 08421 02S 05W 15	WSTC				
BROTHERSON 1-23B4R 4301330483 08423 02S 04W 23	WSTC				
HANSON TRUST 2-29A3 4301331043 10205 01S 03W 29	WSTC				
BABCOCK 2-12B4 4301331005 10215 02S 04W 12	WSTC				
ELLSWORTH #2-16B4 4301331046 10217 02S 04W 16	WSTC				
UTE TRIBAL #2-33Z2 4301331111 10451 01N 02W 33	WSTC				
ROBB 2-29B5 4301331130 10454 02S 05W 29	WSTC				
HANSON 2-9B3 4301331136 10455 02S 03W 9	WSTC				
MURDOCK 2-34B5 4301331132 10456 02S 05W 34	WSTC				
LINDSAY 2-33A4 4301331141 10457 01S 04W 33	WSTC				
UTE 2-31A2 4301331139 10458 01S 02W 31	WSTC				
JENKINS #2-12B3 4301331121 10459 02S 03W 12	WSTC				
	TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Telephone _____

Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 28 1988
DIVISION OF OIL, GAS & MINING

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Burton

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 1-15B5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727'FEL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6780' GL

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	XX	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)			[ ]	(Other)			[ ]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Procedure:

1. MIRU. Kill well. NU BOPE & POOH w/tbg & gas lift eqpt.
2. CLEAN OUT 5" liner to PBTD (14,725') w/mill & csg scraper.
3. RIH w/csg inspection log. Run log across 7" intermediate string.
4. RIH w/CIBP & set @ ±13,070' KB. TIH w/2-7/8" workstring & cmt retainer. Set @ ±12,890' KB. Cmt squeeze perfs fr 12,902-13,053' (14 holes) w/100 sx. (per attached schedule).
5. Mill out retainer & cmt to CIBP. RIH w/RTTS pkr. Pressure test squeeze. Repeat squeeze if necessary.
6. Mill out cmt retainer, cmt & CIBP. POOH.
7. Perf Wasatch w/3 SPF on 120° phase using 3-1/8" csg gun @ 11,159-13,667' (total 411 holes).
8. PU & RIH w/RBP w/ball catcher & treating pkr. Set RBP @ ±14,700'. Set pkr @ ± 13,070'.
9. Acidize Lower Wasatch perfs from 13,075-14,687' (273 holes) w/8200 gals 15% HCL + add.
10. Release treating pkr & RBP. Reset RBP @ ± 12,890' KB. Set treating pkr @ ± 11,140' KB.
11. Acidize Upper Wasatch perfs from 11,159-12,868' KB (571 holes) w/17,200 gals 15% HCL + additives.
12. RIH w/gas lift eqpt. & return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey (Eileen Danni Dey) TITLE Regulatory Analyst DATE October 24, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-3-88
BY: John R. Baza

*See Instructions on Reverse Side

Burton #1-15B5

Proposed Perforation Schedule

Reference log: Schlumberger FDL-CNL Log dated 9-14-72 (Run One) and 10-24-72 (Run Two)

11,159	11,512	11,809	12,105	12,372	12,610	~~12,904*~~	13,329
169	551	844	118	377	618	~~913~~	336
179	560	848	138	382	628	~~932~~	357
	567	864	160		649	~~953~~	369
11,216	585	876	173	12,400	652	~~972~~	386
222		887	196	408	694	~~974~~	
238	11,612			416		~~978~~	13,427
	634	11,924	12,222	424	12,701		462
11,324	638	928	244	443	724	~~13,023*~~	464
348	654	938	256	447	729	~~035~~	472
356	660	960	265	461	757	~~040~~	499
363	669	979	270	473	765	~~054~~	
384	687	988	298	477	769	~~057~~	13,505
				489	785	075	532
11,418	11,717	12,004	12,306		791	088	595
431	726	018	310	12,500		092	
440	734	038	316	513	12,809		13,605
473	751	051	322	561	825	13,112	667
484	755	060	326	582	831	122	
490	768	072	357	598	848	129	
			367		853	163	
					862	187	
					868		
					~~892*~~	13,213	
					~~896~~	229	
						296	

Totals: 131 zones; 151 feet

*Eliminated after production log run. Potential future zones per S. Prutch 6/3/88.

Attachment to W. Cole letter dated 5/3/88.

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
OCT 28 1988
DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6780' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Beam Pump Conversion			[XX]	(Other)			

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company proposes to convert the above-referenced well from gas lift to beam pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey (Eileen Danni Dey) TITLE Regulatory Analyst DATE October 24, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-9-88
BY: John R. Baza

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL

RECEIVED
MAY 11 1989
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6780' GL

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	XX	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)			☐	(Other)			☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Procedure:

1. MIRU. Kill well, NU BOPE & POOH w/tbg & gas lift eqpt.

2. RIH w/7", 26# RBP & set @ ± 11,155'. Spot 2 sxs sand on RBP.

3. Perf Lower Green River w/3 SPF w/4" bullet csg gun @ 9803-11,133'. (Total 147 holes.) See attached perf depths.

4. RIH w/treating pkr & set @ ± 970'. Swab well in & determine fluid entry rates. If well flows or substantial entry rates are recorded, prepare to run production eqpt. If entry rates are low, acidize as follows: Acidize Lower Green River perfs from 9803-11,133' w/4500 gals 15% HCL + additives.

5. RIH w/gas lift eqpt & return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey (Eileen Danni Dey) TITLE Regulatory Analyst DATE May 9, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-26-89
BY: John K. Bay

*See Instructions on Reverse Side

Perforating Schedule
Burton #1-15B5
NE/4 Section 15-T2S-R5W
Duchesne County, Utah

Reference Log: Schlumberger FDC-CNL log dated 9-14-79

9803		
25		
73	10,312	10,930
92	318	940
	324	
9906	384	11,030
58		050
	10,426	062
10,018	449	073
054	482	085
088	497	
10,112		11,112
152	10,501	122
162	556	133
174	560	
186	576	
10,230	10,628	
244		
249		
254	10,728	
262	750	
278	768	Totals: 49 zones
296	778	
	790	

Wendell Cole
April 13, 1989

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Burton
9. WELL NO.: 1-15B5
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W
12. COUNTY OR PARISH: Duchesne
13. STATE: Utah

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 736' FNL & 1727' FEL

RECEIVED
MAY 22 1989
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6780' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[XXX]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

February 15 through March 18, 1989;

1. MIRU. Kill well. ND WH. NU BOP's.

2. Cut tbg 8' above pkr. POOH w/tbg. Latch pkr @ 10,970' & POOH.

3. Clean out 5" liner to 14,680'. RIH & set 5" CIBP @ 13,070'. RIH w/pkr & set @ 12,890'. Press. test pkr & CIBP to 3000#. OK. POOH w/pkr.

4. RIH & set 5" CICR @ 12,804'. Cmt sqz perfs fr 12,902-13,053' w/125 sx cl "G" cmt + add. CO 5" liner to 12,800'. Mill out 5" CICR. CO 5" liner to 13,070'.

5. RIH & set 5" pkr @ 12,780'. Press. test sqz to 2000#. OK. POOH w/pkr. Mill out cmt retainer, cmt & CIBP. POOH.

6. Perf Wasatch formation 11,159-13,667' w/3-1/8" csg gun @ 3 SPF. RIH w/5" pkr & RBP. Set RBP @ 14,668'& set pkr @ 13,069'. Acidize 13,075-14,687' w/8200 gals 15% HCL + add. ATP 5900#, AIR 11.7 BPM, ISIP 700#. Release pkr & latch RBP. Reset RBP @ 12,890'.

7. RIH w/7" pkr & set @ 11,140'. Acidize 11,159-12,868' w/17,200 gals 15% HCL + add. ATP 7000#, AIR 20 BPM, ISIP 2900#. POOH w/7" pkr & RBP.

(Cont')

18. I hereby certify that the foregoing is true and correct

SIGNED: Eileen Danni Dey — TITLE: Regulatory Analyst — DATE: May 18, 1989

Eileen Danni Dey

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL

RECEIVED
JUL 17 1989
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6730' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☒	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				☐
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

June 12-16, 1989:

See attached chronological report for work completed on the above referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE July 12, 1989

Brenda W. Swank

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

5/89

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BURTON #1-15B5 (RECOMPL TO G.R.)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 52.605% ANR AFE: 62732
ATD: 14,808' (WASATCH)
5" LINER @ 11,566'-14,807'
PERFS: 11,159'-14,687' (WASATCH)
CWC(M$): $63.5

6/12/89 Prep to set RBP. MIRU. Pmpd 100 BW dwn csg & tbg. ND WH. NU BOP. POOH w/7" pkr & 10 GL mandrels on 2-7/8" tbg.
DC: $2,993 TC: $2,993

6/13/89 Shut dwn. WO perf'g & WL services.

6/14/89 Prep to run pkr. SITP 50#. RU OWP. Ran GR log from 9500' to 11,500'. Set 7" RBP @ 11,150' on WL. Spot 2 sxs sd on RBP w/dump bailer. Fill hole w/203 BW. Press tst csg to 2000#. OK. Perf Lower GR form @ 9803'-11,133' (49 zones) w/4" csg guns, 3 SPF, 120° phasing.
DC: $14,628 TC: $17,621

6/15/89 POOH w/pkr. RIH w/7" pkr on 2-7/8" tbg & set @ 9755'. Press tst csg to 2000#. OK. RU swb equip. Rec'd 14 BO, 70 BW. Acdz LGR perfs w/4500 gals 15% HCl w/200 1.1 BS. ATP 7950#, AIR 12 BPM, ISIP 1400#, 15 min 250#, 244 BLWTBR. Start POOH w/pkr on 2-7/8" tbg.
DC: $12,777 TC: $30,398

6/16/89 Place well on GL prod. Fin POOH w/7" pkr on 2-7/8" tbg. RIH w/7" pkr, SN & 8 GL mandrels on 2-7/8" tbg. Set pkr @ 9765'. ND BOPS. Land tbg w/20,000# tension. NU WH. RDSU.
DC: $3,978 TC: $34,376

6/16/89 10 BO, 71 BW, 0 MCF, 110 inj.

6/17/89 5 BO, 107 BW, 0 MCF, 60 inj.

6/18/89 0 BO, 52 BW, 18 MCF, 46 inj. GL restriction.

6/19/89 57 BO, 167 BW, 20 MCF, 186 inj.
DC: $1,996 TC: $36,372

6/20/89 21 BO, 79 BW, 0 MCF, 56 inj. Prep to run GL survey, adjust GL vlv settings.
DC: $6,200 TC: $42,572

6/21/89 0 BO, 0 BW, 0 MCF, 0 inj. Dwn 24 hr to chng out GL valves.

6/22/89 30 BO, 645 BW, 9 MCF, 661 inj.

6/23/89 21 BO, 669 BW, 66 MCF, 621 inj.

6/24/89 10 BO, 342 BW, 22 MCF, 210 inj.

6/25/89 31 BO, 451 BW, 39 MCF, 566 inj.

6/26/89 41 BO, 591 BW, 35 MCF, 675 inj.

6/27/89 31 BO, 660 BW, 29 MCF, 480 inj.

6/28/89 31 BO, 494 BW, 19 MCF, 464 inj.

6/29/89 11 BO, 803 BW, 16 MCF, 530 inj.

6/30/89 0 BO, 839 BW, 8 MCF, 614 inj.

7/1/89 10 BO, 926 BW, 24 MCF.

7/2/89 0 BO, 640 BW, 64 MCF.

7/3/89 0 BO, 0 BW, 0 MCF, 0 inj.

7/4/89 Well SI indefinitely for evaluation. Final report.

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burton

9. WELL NO.: 1-15B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S, R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, CO 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 736' FNL & 1727' FEL Section 15

RECEIVED
AUG 02 1989
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.: 43-013-30128

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6730' GL

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached intended procedure for plugging and abandonment of the above referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 7/31/89

Brenda W. Swank

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See attachment.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-8-89
BY: John R. Baza

*See Instructions on Reverse Side

PLUG AND ABANDONMENT PROCEDURE

BURTON #1-15B5

Section 15, T2S, R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location:	736' FNL & 1727' FEL Section 15, T2S, R5W
Elevation:	6780' GL, 6806' KB
Total Depth:	14,808'
PBTD:	14,725'
Casing:	13-3/8" 68# K-55 ST&C @ 293' 9-5/8" 40# K-55 LT&C @ 6810' 7" 26# S-95 LT&C @ 11,797' Burns liner hanger set @ 11,566' 5" 18# Hydril SFJ-P set from 11,566' to 14,807'
Tubing:	2-7/8" EUE 6.5# N-80
Packer:	7" Model 32-A @ 9765'; RBP w/2 sxs SD on top @ 11,150'
Artificial Lift:	Gas lift w/8 mandrels

TUBULAR DATA

Description	ID	Drift	Capacity	Burst	Collapse
9-5/8" 40# K-55	8.835"	8.679"	0.0758 B/F	3950 psi	2570 psi
7" 26# S-95	6.276"	6.151"	0.0382 B/F	8600 psi	7800 psi
5" 18# SFJ-P	4.276"	4.151"	0.0177 B/F	13,940 psi	13,450 psi
2-7/8" 6.5# N-80	2.441"	2.347"	0.00579 B/F	10,570 psi	11,160 psi

PERFORATIONS AND TREATMENT HISTORY

December 1972	Perforate from 11,830'-14,687' w/45 holes. Acidized w/30,000 gals 15% HCl.
August 1975	Acidized w/1500 gals 15% HCl
April 1976	Acidized w/10,000 gals 15% HCl
April 1977	Acidized w/5,000 gals 15% HCl
May 1980	a) Added perforations from 12,905'-14,628' (198 holes) and acidized w/24,200 gals 15% HCl. b) Added perforations from 11,209'-12,834' (204 holes) and acidized w/23,200 gals 15% HCl.
March 1989	Cement sqz perfs from 12,902'-13,053'. Perf 11,159'-13,667' w/3 SPF, 411 total holes. Acidize 13,075'-14,687', 273 holes w/8200 gals 15% HCl. Acidize 11,159'-12,868', 571 holes w/17,200 gals 15% HCl.
June 1989	Set RBP @ 11,150'. Recomplete in Lower Green River from 9803'-11,133', 3 SPF, 147 tot holes. Acidize w/4500 gals 15% HCl.
Present Status:	SI uneconomical on gas lift. Last produced 7/2/89, 0 BO, 640 BW, 64 MCF
Depth Reference:	Schlumberger FDC-CNL log dated 9/14/72 (run one) and 10/24/72 (run two).

PROCEDURE

1. MIRU workover rig. POOH w/2-7/8" tubing and production equipment.
2. PU & RIH w/7" retrieving head. Wash sand off RBP, est sand top @ +/-11,143'. Rls RBP @ 11,150' and POOH.

Note: Step included to RIH w/ 7", 26# CR & Set @ ± 11,150'. Pump 50 sx cmt. below & 25 sx cmt. above CR & continue w/ remainder of plugging program.

3. PU 7" 26# cmt retainer and RIH w/2-7/8" tbg. Set retainer @ +/-9700'. Circ hole clean. Pump 50 sxs cmt below ret and spot 25 sxs cmt on top. POOH.

4. ND 6" BOPE. Weld stub to 7" csg. RU csg jacks. Rls csg from slips.

5. PU & RIH w/7" csg cutter. Cut 7" csg @ +/-6700'. RU csg jacks. POOH & LD 7" csg.

6. PU & RIH w/2-7/8" tbg to 6800'. Spot 75 sxs CL "G" cmt spearheaded w/10 bbls fresh wtr and flushed w/10 bbls fresh wtr from 6800' to 6553'. Press tst to 1000 psi. POOH.

7. Pmp 20 bbls fresh wtr, 100 sxs CL "G" down 13-3/8" x 9-5/8" annulus (340' plug).

8. RIH w/11 jts 2-7/8" tbg. Spot 150 sxs cmt plug in 9-5/8" csg from 200' to surface.

9. Set dry hole marker w/necessary inscription.

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR WELL PLUGGING AND ABANDONMENT

ANR Production Company
Burton #1-15B5 Well
Section 15, T. 2S, R. 5W
Duchesne County, Utah
August 8, 1989

Reference document: Sundry notice dated July 31, 1989, received by DOGM on August 2, 1989.

1. The operator shall notify the division at least 24 hours prior to commencing plugging operations to allow witnessing by a division representative.

2. A step shall be included in the submitted procedure between steps 2 and 3 which will allow for a 7" cement retainer to be placed at approximately 11,150' and 50 sx cement pumped below and 25 sx cement left on top of the cement retainer. The remainder of the plugging program shall continue as submitted.

OI58/99

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[x] **Well File** Burton 1-15 BS [] **Suspense** (Return Date) _____ (To - Initials) _____ [] **Other** _____

(Location) Sec 15 Twp 25 Rng 5W

(API No.) 43-013-30128

1. Date of Phone Call: 8-8-89 Time: 11:20 am

2. DOGM Employee (name) John Baza (Initiated Call [x])
   Talked to:

   Name Brenda Swank (Initiated Call [ ]) - Phone No. (303) 572-1121

   of (Company/Organization) Coastal / ANR Prod. Co.

3. Topic of Conversation: Plugging procedures for two wells.

4. Highlights of Conversation: Brenda established conf. call w/ myself & Les _____ (didn't understand last name) who is an engineer for ANR. We agreed to following changes:

(1) Burton # 1-15 BS - Include a step between steps #2 & #3 to RIH w/ 7", 26# CICR & set @ ± 11,150'. Pump 50 sx cmt. below & 25 sx cmt. above CICR & continue w/ remainder of plugging program.

(2) Burton # 1-16 BS - In step #2, CICR is to be set @ ± 11,300'.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY

WELLNAME: BURTON 1-15 B5 API#

SECTION: 15 TWP: 2S RANGE: 5W

INSPECTOR: GARY GARNER TIME: 8AM DATE: 10/12/89

REPRESENTATIVE: HAL IULE PUSHER: BOB HOUSTON

OPERATIONS: PLUGGING

SPUD DATE: DEPTH: 14,725

DRILLING AND COMPLETIONS:

____APD	____WELL SIGN	____SANITATION
____BOPE	____BLOOIE LINE	____H2S
____VENTED/FLARED	____RESERVE PIT	____FLARE PIT
____BURN PIT	____HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
Set CMT Retainer W/ACK	(75 SXS) 15 BBLS SLURRY
" " " 7256	15 BBLS SLURRY
Balanced Plug	15BBLS 6812-6565

PLUGS TESTED: ____ HOW RIG PUMP 1000# WOC

MARKER: ____SURFACE ____PLATE

RECLAMATION:

____CONTOUR ____RIP ____REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

APPROVED BY HOW DATE

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

	5. LEASE DESIGNATION & SERIAL NO.: Patented
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. OIL WELL [X] GAS WELL [ ] OTHER	7. UNIT AGREEMENT NAME:
2. NAME OF OPERATOR: ANR Production Company	8. FARM OR LEASE NAME: Burton
3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749	9. WELL NO.: 1-15B5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 736' FNL & 1727' FEL, Section 15-T2S-R5W; At proposed prod. zone:	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 15, T2S-R5W
14. API NO.: 43-013-30128	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6780' GL
	12. COUNTY: Duchesne; 13. STATE: Utah

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16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
APPROX. DATE WORK WILL START				DATE OF COMPLETION			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Well plugged and abandoned 10-13-89

See attached chronological report

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM ✓	
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank Brenda W. Swank TITLE Regulatory Analyst DATE 10/19/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BURTON #1-15B5 (P&A)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 52.605% ANR AFE: 62828
TD: 14,808' (WASATCH)
5" LINER @ 11,566'-14,807'
PERFS: 11,209'-14,687'
CWC(M$): -$71.6

10/9/89 Retrieve RBP. MIRU. ND WH. Pmp 160 BW dwn tbg & csg. NU BOP. Rel pkr @ 9765'. POOH w/7" pkr on 2-7/8" tbg. Start RIH w/retr hd on 2-7/8" tbg.
DC: $3,147 TC: $3,147

10/10/89 POOH w/RBP. Fin RIH w/retr hd on 2-7/8" tbg. Tag fill @ 11,144'. Circ hole clean. Latch RBP. Rec'd drlg mud. RBP. Won't equalize. SWI to equalize.
DC: $2,645 TC: $5,792

10/11/89 Set CICR & spot cmt. POOH w/2-7/8" tbg & RBP. RIH w/7" CICR on 2-7/8" tbg to 9731'.
DC: $3,366 TC: $9,158

10/12/89 Spot cmt plugs. Fin RIH w/7" CICR on 2-7/8" tbg. Set CICR @ 11,146'. Pmp 50 sxs Cl "G" cmt below CICR & 25 sxs above. POOH. RIH w/7" CICR to 7256'. CICR set accidentally. Circ hole clean. State inspector authorized setting depth. Pmp 50 sxs Cl "G" cmt below CICR & 25 sxs above. POOH to 6800'. Spot 75 sxs Cl "G" balanced plug @ 6800'-6553'. POOH to 5560'.
DC: $11,460 TC: $ 20,618

10/13/89 Press test cmt plugs to 1000#. OK. POOH w/2-7/8" tbg to 200'. Press test 7" x 9-5/8" csg to 2000#. OK. Spot 100 sxs Cl "G" cmt plug from 200' to sfc. POOH. ND BOP. Weld on DHM. P&A completed 6:00 p.m., 10/13/89. Final report.
DC: $5,241 TC: $25,859

CEMENTING SERVICE REPORT

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 15-03-6424 | DATE 10-13-89

STAGE 1 | DS DISTRICT Vut.

WELL NAME AND NO. Burton 1-15-B5

LOCATION (LEGAL) Sec 15 T1N R5W

FIELD-POOL Altamont

FORMATION Wasatch

COUNTY/PARISH Duchesne

STATE Utah

API. NO.

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NAME ANR Ltd.

AND

ADDRESS

ZIP CODE

RIG NAME: Western 12

WELL DATA:		BOTTOM		TOP	
BIT SIZE	CSG/Liner Size	7"		13 3/8	9 5/8
TOTAL DEPTH	WEIGHT				
☐ ROT ☒ CABLE	FOOTAGE				
MUD TYPE	GRADE				
☐ BHST ☐ BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				TOTAL
MUD VISC.	Disp. Capacity				

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SHOE		Stage Tool	
TYPE		TYPE	
DEPTH		DEPTH	
TYPE		TYPE	
DEPTH		DEPTH	

SPECIAL INSTRUCTIONS

9 5/8 - 13 3/8 Casing Held 2000 PSI for 15 minutes. Top Plug 200' to Surface. W 50 Sks

Head & Plugs	☒ TBG ☐ D.P.	SQUEEZE JOB	
☐ Double	SIZE 2 7/8	TOOL TYPE	
☐ Single	☐ WEIGHT 6.5	DEPTH	
☐ Swage	☐ GRADE J55	TAIL PIPE: SIZE	DEPTH
☐ Knockoff	☐ THREAD 8	TUBING VOLUME	Bbls
TOP ☐ R ☐ W	☐ NEW ☒ USED	CASING VOL. BELOW TOOL	Bbls
BOT ☐ R ☐ W	DEPTH 200'	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

IS CASING/TUBING SECURED? ☒ YES ☐ NO

LIFT PRESSURE — PSI | CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 5000 PSI | BUMP PLUG TO — PSI

ROTATE RPM | RECIPROCATE — FT | No. of Centralizers

JOB SCHEDULED FOR TIME: 1200 DATE: 10-13 | ARRIVE ON LOCATION TIME: 1200 DATE: 10-13 | LEFT LOCATION TIME: 1600 DATE: 10-13

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1400								PRE-JOB SAFETY MEETING Rig up D.S To 9 5/8 + 13 3/8
1411	0	40	16	0	4	H2O	8.3	St Pump Water to test 9 5/8 - 13 3/8
1417	0	2000	—	16	—	—	—	Shutdown. Test Casing
1432	0	1940	—	—	—	—	—	Held Pressure good Lost 60 Pds in 15 min
1438								Rig Up to Tub.
1448	0	0	10.2	0	2.2	Cmt	15.8	St Pumping Slurry
1453	0	0		10.2	—	—		Shutdown. Cmt Slurry to Surface.
1500	—	—	—	—	—	—	—	C Job Complete.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	50	1.15	G Cement	10.2	15.8
2.					
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE | VOLUME | DENSITY | PRESSURE 2500 MAX. 0 MIN:

☐ HESITATION SQ. — ☐ RUNNING SQ. | CIRCULATION LOST ☐ YES ☐ NO | Cement Circulated To Surf. ☒ YES ☐ NO / Bbls.

BREAKDOWN — PSI FINAL — PSI | DISPLACEMENT VOL. Bbls | TYPE OF WELL ☒ OIL ☐ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT

Washed Thru Perfs ☐ YES ☐ NO | TO FT | MEASURED DISPLACEMENT ☐ ☐ WIRELINE

PERFORATIONS TO / TO / | CUSTOMER REPRESENTATIVE Hal Lurie | DS SUPERVISOR Joe Reese

Moore® 303

CEMENTING SERVICE REPORT

DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 15-03-64119 | DATE 10-12-89

STAGE | DS DISTRICT Elk

WELL NAME AND NO. Burton 1-15-85 | LOCATION (LEGAL) Sec 15 T11N R1W

FIELD-POOL Hildamont Hunton | FORMATION Woodford

COUNTY/PARISH Jefferson | STATE Ok | API. NO.

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OKLAHOMA CORPORATION COMMISSION

NAME 4 1/2 Rtd. | AND | ADDRESS | ZIP CODE

RIG NAME: Nabors #12

WELL DATA:		BOTTOM			TOP
BIT SIZE	CSG/Liner Size	7"			
TOTAL DEPTH	WEIGHT	26#			
☐ROT ☐CABLE	FOOTAGE				
MUD TYPE	GRADE	J-55			
☐BHST ☐BHCT	THREAD	LTC			
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	—			TOTAL
MUD VISC.	Disp. Capacity				

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE		Stage Tool	TYPE	
	DEPTH			DEPTH	
SHOE	TYPE			TYPE	
	DEPTH			DEPTH	

SPECIAL INSTRUCTIONS Run 7" 26# J-55 LTC Csg. as follows: 1 Float Shoe, 1 Jt 7" 26# J-55 LTC Csg, 1 Float Collar, 42 Jts 7" 26# J-55 LTC Csg, 1 Stage Tool, 75 Jts 7" 26# J-55 LTC Csg. Tag @ 6400 6400

Head & Plugs	☑TBG ☐D.P.	SQUEEZE JOB	
☐ Double	SIZE 3 1/2	TOOL TYPE Baker Model D	
☐ Single	☐ WEIGHT 9.3	DEPTH 11150	
☐ Swage	☐ GRADE N80	TAIL PIPE: SIZE —	DEPTH
☐ Knockoff	☐ THREAD EU	TUBING VOLUME 64.5	Bbls
TOP ☐R ☐W	☐ NEW ☑USED	CASING VOL. BELOW TOOL	Bbls
BOT ☐R ☐W	DEPTH 11150	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

IS CASING/TUBING SECURED? ☑ YES ☐ NO

LIFT PRESSURE — PSI | CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 5000 PSI | BUMP PLUG TO — PSI

ROTATE — RPM | RECIPROCATE — FT | No. of Centralizers —

JOB SCHEDULED FOR TIME: 0700 DATE: 11-12 | ARRIVE ON LOCATION TIME: 0710 DATE: 11-12 | LEFT LOCATION TIME: DATE: 11-12

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
0700								PRE-JOB SAFETY MEETING St Test Lines OK.
0813	140	0	50	0	3	Form.	8.3	St Injection
0815	300	0	0	1	4.1	"	"	Increased Pump Rate.
0820	900	0	0	26	"	"	"	Pressure Inc.
0825	1140	0	0	15	"	"	"	✓
0827	530	0	10	50	3	Fresh	8.32	St Pumping Fresh Ahead
0829	260	0	15	60	2	Cmt	15.8	St Pumping Slurry.
0838	160	0	59	75	3.7	Fresh	8.32	St Pump Fresh Behind Displacement
0840	440	0	0	30	3.7	Form.	8.3	Pressure Increase !
0854	0	0	0	59	—	—	—	Shutdown, St. Pull out, POOH with Stinger
[illegible]	240	0	16	0	3	Fresh	8.3	St Fresh Ahead Injection.
[illegible]	400	0	12	11	3.5	Cmt	15.8	St Cmt Slurry.
0926	300	0	22	15	3.7	Fresh	8.3	St Pumping Displacement
1031				177				Shutdown, Stinger out Pull 14 Joints
1042	0	0	0	0	1-1	Fresh		St Fresh Ahead to 6460
1103	0	0	15	10	2-1	Cmt	15.8	St Cmt Slurry
1112	320	0	55	25	3	Fresh	8.3	St Fresh Behind Disp.
1134	0	0	0	100	—	—	—	Shutdown Plug Balanced. Top Plug.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	75	1.15	G Cement + .3% D13 Retarder	15.3	15.8
2.	75	1.15	G Cement + .2% D13 "	15.3	15.8
3.	75	1.15	G Cement	15.3	15.8
4.					
5.					
6.					

BREAKDOWN FLUID TYPE — | VOLUME | DENSITY | PRESSURE 1170 MAX. 0 MIN:

☐ HESITATION SQ. ☐ RUNNING SQ. | CIRCULATION LOST ☐YES ☐NO | Cement Circulated To Surf. ☐YES ☐NO Bbls.

BREAKDOWN PSI | FINAL — PSI | DISPLACEMENT VOL. 59/37/36 Bbls | TYPE OF WELL ☑OIL ☐GAS ☐STORAGE ☐INJECTION ☐BRINE WATER ☐WILDCAT

Washed Thru Perfs ☐YES ☐NO | TO — FT | MEASURED DISPLACEMENT ☑ ☐WIRELINE

PERFORATIONS TO TO TO TO

CUSTOMER REPRESENTATIVE Hal Tuie

DS SUPERVISOR Joe Reese

Moore® 303

PRODUCING STATUS: Plug & Abandon

WELLHEAD WORKING PRESSURE:

KB ELEVATION:

FORM. TOPS P&A ID Plats welds on 7"

DOWNOLE SCHEMATIC	
LEASE:	Bunson
WELL #:	1-15B5
FIELD:	S-15, R5W, T2S
LOCATION:	Altamont
COUNTY/STATE:	Duchesne UT.
T.D:	14608'
PBTD:	14680'
PERFS:	
PROD. FORM(S):	Wasatch
DATE:	3-9-90 BY: RJF

100sx-cmt plug-200' to surf

35sx cmt plug-6400 6450'

cmt ret @ 11146' 35sx cmt. 25/50

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT,	CPLG, Etc.	O.D.	I.D.

HOLE SIZE: "

SURFACE CASING:
O.D. 9 5/8", WEIGHT(S) 40# #
GRADE(S) N80, CPLG
SET AT 6810' W/ 600 SX

HOLE SIZE: "

5" L46 11516'

7" 26# S95 @ 11797 w/ 535sx

PBTD - 14680'
TD - 14808'